

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"4819167".pn.	US-PCRPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 14:49
L2	52	(US-20060100740-\$ or US-20030083776-\$ or US-20030014158-\$ or US-20030185664-\$ or US-20080068618-\$ or US-20080168673-\$).did. or (US-6085125-\$ or US-7153088-\$ or US-6836690-\$ or US-6763281-\$ or US-6752585-\$ or US-6577923-\$ or US-6298280-\$ or US-6275742-\$ or US-6943364-\$ or US-6729834-\$ or US-6629053-\$ or US-6522942-\$ or US-6516244-\$ or US-6502054-\$ or US-6973370-\$ or US-6556887-\$ or US-6405101-\$ or US-7433759-\$ or US-6339730-\$ or US-7089677-\$ or US-6856858-\$ or US-6614201-\$ or US-5740062-\$ or US-5513948-\$ or US-6323616-\$ or US-6198976-\$).did. or (US-7522267-\$ or US-7390681-\$ or US-7331751-\$ or US-7248931-\$ or US-7627395-\$ or US-5917601-\$ or US-5452521-\$ or US-4910679-\$ or US-4955780-\$ or US-5200798-\$ or US-7497026-\$ or US-5822213-\$ or US-5706201-\$ or US-6327517-\$ or US-5264918-\$ or US-4819167-\$).did. or (WO-9902996-\$ or WO-2008105444-\$ or DE-102009033590-\$ or JP-2001264015-\$).did.	US-PCRPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 14:50
L3	10	2 and bi\$1sect\$3	US-PCRPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 14:50

L4	5	12 and (bi\$1sect\$3 with perpendicular)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 14:52
L5	429	(wafer or substrate or disc) same (bi\$1sect\$3 with perpendicular)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 14:53
L6	6930	(wafer or substrate) with (center\$3) with (determin\$3 or calculat\$3 or detect \$3)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 14:53
L7	24	15 and L6	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 14:53
L8	1	2002-448031.NRAN.	DERWENT	ADJ	ON	2010/09/28 14:57
L9	6	(wafer or substrate) with (center\$3) with (determin\$3 or calculat\$3 or detect \$3) with (radius near2 known)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 14:58
L10	18	("5706201").URPN.	USPAT	ADJ	ON	2010/09/28 14:59
L11	3	110 and (bi\$1sect\$3 with perpendicular)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 14:59
L12	16	(wafer or substrate) with (center\$3) with (radius near2 known)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 15:00
L15	1	((bi\$1sect\$3 with perpendicular) with ((diameter or radius) near2 known)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 15:02
L16	2	((bi\$1sect\$3 with perpendicular) same ((diameter or radius) near2 known) same (center\$3) same (wafer or substrate or disk\$5 or disc\$5)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 15:03
L17	21	((bi\$1sect\$3 or perpendicular) same ((diameter or radius) near2 known) same (center\$3) same (wafer or substrate or disk\$5 or disc\$5)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 15:04
L18	15	("6405101").URPN.	USPAT	ADJ	ON	2010/09/28 15:05
L19	1	"4833790".pn.	USPAT	ADJ	ON	2010/09/28 15:27
L20	1	"4819167".pn.	USPAT	ADJ	ON	2010/09/28 15:27

L22	2576	((bi\$1sect\$3 or perpendicular) and ((diameter or radius) near2 known) and (center\$7) and (wafer or substrate or disk \$5 or disc\$5 or circular))	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 15:29
L23	17	((bi\$1sect\$3 or perpendicular) and ((diameter or radius) near2 known) and (center\$7) and (wafer or substrate or disk \$5 or disc\$5 or circular)).ti,ab,clm.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 15:29
L24	8	("4521966").URPN.	USPAT	ADJ	ON	2010/09/28 15:31
L25	216	((bi\$1sect\$3 and perpendicular) and ((diameter or radius) near2 known) and (center\$7) and (wafer or substrate or disk \$5 or disc\$5 or circular))	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 15:35
S4	1	"10516337".rlan. or ("10".src. and "516337".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2010/08/28 12:10
S5	141	rorze.as.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/08/28 12:11
S6	8	((FUMIO) near2 (SAKIYA)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/08/28 12:11
S7	46	((YASUHIISA) near2 (SATO)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/08/28 12:12
S8	3	((TETSUYA) near2 (NAGAO)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/08/28 12:12
S9	35	((TOSHIYUKI) near2 (IKEDA)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/08/28 12:12
S10	376	"700/56".CCL.S.	US-PGPUB; USPAT	ADJ	ON	2010/08/28 12:12
S11	43	(genmark automation).as.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/23 14:52
S12	44	(genmark automation).as. or (genov-genco).in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/23 14:53
S13	1	1999-121119.NRAN.	DERWENT	ADJ	ON	2010/09/23 14:53

S14	100	(US-20060100740-\$ or US-20080141632-\$ or US-20020095921-\$ or US-20030110747-\$ or US-20050254971-\$ or US-20060007471-\$ or US-20060217481-\$ or US-20080119765-\$ or US-20080311016-\$ or US-20100083423-\$ or US-20100175383-\$ or US-20020101049-\$ or US-20020033845-\$ or US-20020014023-\$ or US-20030231960-\$ or US-20050003524-\$ or US-20040245435-\$ or US-20080139395-\$ or US-20090033084-\$).did. or (US-3556266-\$ or US-4802261-\$ or US-5892855-\$ or US-3631992-\$ or US-3640233-\$ or US-3775003-\$ or US-4116137-\$ or US-4147152-\$ or US-4219992-\$ or US-4391446-\$ or US-4411571-\$ or US-4617831-\$ or US-4723787-\$ or US-4779406-\$ or US-4817370-\$ or US-7434376-\$ or US-3700042-\$ or US-4185342-\$ or US-5163918-\$ or US-6692214-\$ or US-3857545-\$ or US-4733608-\$ or US-3608646-\$ or US-3672132-\$ or US-3698653-\$ or US-3750093-\$).did. or (US-3942747-\$ or US-3961821-\$ or US-3990125-\$ or US-4000870-\$ or US-4134249-\$ or US-4209067-\$ or US-4211356-\$ or US-4303236-\$ or US-4405926-\$ or US-4549765-\$ or US-4803830-\$ or US-4817728-\$ or US-5040826-\$ or US-5046890-\$ or US-5215487-\$ or US-6121842-\$ or US-6193231-\$ or US-7041074-\$ or US-7661933-\$ or US-4122525-\$ or US-3990814-\$ or US-4531913-\$ or US-7040686-\$ or US-4584925-\$ or US-3927876-\$ or US-3944406-\$ or US-3962087-\$).did. or (US-3976112-\$ or US-RE29582-\$ or US-4131061-	US-PGPUB; USPAT	ADJ	ON	2010/09/27 18:29
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		\$ or US-4232304-\$ or US-4266690-\$ or US-4712899-\$ or US-6417578-\$ or US-3908126-\$ or US-3693154-\$ or US-3680822-\$ or US-4299012-\$ or US-4315348-\$ or US-4449876-\$ or US-4689567-\$ or US-4944491-\$ or US-RE33639-\$ or US-5324201-\$ or US-6431897-\$ or US-4386848-\$ or US-4715484-\$ or US-5308023-\$ or US-5640288-\$ or US-5964492-\$ or US-3604528-\$ or US-3745224-\$ or US-4190911-\$ or US-4220280-\$).did. or (US-4316521-\$).did.				
S15	16	("6085125").URPN.	USPAT	ADJ	ON	2010/09/27 18:50
S16	34	("6298280").URPN.	USPAT	ADJ	ON	2010/09/27 18:52
S17	1	("6729834").URPN.	USPAT	ADJ	ON	2010/09/27 18:55
S22	80931	(align\$4 or pre\$1align\$ or center\$3 or position\$3) with (disk\$1 or disc! or wafer or substrate) with (sens\$2 or detect\$3)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:01
S24	2062	(align\$4 or pre\$1align\$ or center\$3 or position\$3) with (disk\$1 or disc! or wafer or substrate) with (sens\$2 or detect\$3) near2 (edge or notch\$3)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:01
S25	434	S24.ti.ab.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:01
S27	8	S25 and "700"/\$.ccls.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:02
S28	167	700/218.cor.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:03
S29	53	S22 and S28	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:03
S30	15	("6405101").URPN.	USPAT	ADJ	ON	2010/09/27 19:05
S31	15	("6405101").URPN.	USPAT	ADJ	ON	2010/09/27 19:08

S32	12	("6339730").URPN.	USPAT	ADJ	ON	2010/09/27 19:09
S33	28	(US-20060100740-\$ or US-20030083776-\$ or US-20030014158-\$ or US-20030185664-\$).did. or (US-6085125-\$ or US-7153088-\$ or US-6836690-\$ or US-6763281-\$ or US-6752585-\$ or US-6577923-\$ or US-6298280-\$ or US-6275742-\$ or US-6943364-\$ or US-6729834-\$ or US-6629053-\$ or US-6522942-\$ or US-6516244-\$ or US-6502054-\$ or US-6973370-\$ or US-6556887-\$ or US-6405101-\$ or US-7433759-\$ or US-6339730-\$ or US-7089677-\$ or US-6856858-\$ or US-6614201-\$ or US-5740062-\$).did. or (WO-9902996-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:13
S37	159	(align\$4 or pre\$1align\$ or center\$3 or position\$3) with (disk\$1 or disc! or wafer or substrate) same ((sens\$2 or detect\$3) with (edge or notch\$3)) and (bi \$2sect\$2)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:14
S38	9	S37 and "700"/\$.ccls.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:14
S39	2	S37 and ("700"/\$ and "414"/\$).ccls.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:14
S40	4	("6522942").URPN.	USPAT	ADJ	ON	2010/09/27 19:15
S41	4635	(700/218 318/568.16 318/640 414/936 414/937 414/939 700/258 700/259 901/35 901/39 901/46).ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2010/09/27 19:16
S42	662	S22 and S41	US-PGPUB; USPAT; DERWENT	OR	ON	2010/09/27 19:16
S43	9	S22 and S41 and S37	US-PGPUB; USPAT; DERWENT	OR	ON	2010/09/27 19:16
S44	15	("6405101").URPN.	USPAT	ADJ	ON	2010/09/27 19:17

S45	89	( "4697089"   "4720130"   "4724322"   "4770590"   "4819167"   "4819267"   "4836733"   "4887904"   "4944650"   "4955780"   "4971512"   "5004399"   "5012523"   "5044752"   "5054991"   "5194743"   "5238354"   "5239182"   "5288379"   "5308222"   "5340261"   "5363872"   "5405230"   "5409348"   "5452078"   "5452521"   "5456561"   "5474410"   "5483138"   "5511934"   "5513948"   "5524131"   "5546179"   "5563798"   "5645391"   "5695562"   "5702228"   "5711646"   "5730574"   "5740059"   "5740062"   "5781523"   "5783834"   "5784344"   "5788453"   "5788477"   "5788868"   "5789890"   "5796486"   "5810935"   "5811211"   "5813819"   "5822498"   "5870488"   "5905850"   "5917601"   "5934856"   "5980194"   "5981966"   "5988971"   "6013112"   "6013920"   "6021380"   "6032083"   "6037733"   "6075334"   "6085125"   "6113165"   "6116848"   "6120601"   "6121743"   "6126380"   "6126381"   "6126382"   "6162008"   "6166509"   "6190037"   "6198976"   "6203617"   "6244121"   "6246923"   "6275742"   "6298280"   "6313596"   "6318948"   "6323616"   "6339730"   "6357996"   "6405101").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/27 19:20
S46	31	("6198976").URPN.	USPAT	ADJ	ON	2010/09/27 19:22
S47	1928	700/57,59,218,245.cor.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:31
S48	195	414/754.cor.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/27 19:31

S60	7	kazunori.in. and wafer position	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 13:17
S62	95	356/622.cor.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 13:18
S64	3	fujio.in. and (positional relationship).ab.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 13:19
S65	7	kazuo.in. and (positioning with wafer).ab.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 13:21
S66	12	soldhi.in. and (position with substrate).ab.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 13:23
S67	22	takafumi.in. and (position with substrate).ab.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 13:24
S78	2	miyoshi-t\$.in. and nikon.as.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 13:29
S79	1	2002-272410.NRAN.	DERWENT	ADJ	ON	2010/09/28 13:29
S80	6930	(wafer or substrate) with (center\$3) with (determin\$3 or calculat\$3 or detect \$3)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 13:33
S81	255	S80.ti.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/09/28 13:33
S82	18	("5706201").URPN.	USPAT	ADJ	ON	2010/09/28 13:36
S83	31	("6198976").URPN.	USPAT	ADJ	ON	2010/09/28 13:37
S84	18	("5264918").URPN.	USPAT	ADJ	ON	2010/09/28 13:39

**EAST Search History (1 interference)**

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**9/ 28/ 2010 3:39:18 PM**

C:\Documents and Settings\drobertson2\My Documents\EAST\Workspaces\10516337 Sakiya (Rorze) automatic reference position disk like object.wsp